

RATING: Class 300	CORROSION ALLOWANCE: 0.125 Inch
FACING: RF	PRESSURE LIMIT: Per ANSI B16.5
MATERIAL: Carbon Steel	TEMPERATURE LIMIT: -20°F - 600°F

ITEM	SIZE	DESCRIPTION	NTS	RE
			I	V
VALVES --GATE --GLOBE --CHECK --BALL PIPE	3/4" 1-1/2" 1/2"- 1-1/2" 3/4"- 1-1/2" 2ft- 10" 12"- 24"	1. Gate, Globe, and Check 12 Cr Trim with Graphitic Packing (non Asbestos) unless otherwise specified. 2. Ball valves shall have 316SS trim and RTFE seats and seals, valve shall be firesafe design. Class 800 Stl SW ANVIL #821-3-1 Class 800 Stl SW x Scrd ANVIL #821-5-11 Class 300 Stl RF ANVIL #321-4-1 Class 300 Stl RF PACIFIC #350-1 Class 300 Stl RF PACIFIC #350-1 ----- - Gear Operated 3/4" 1-1/2" !Class 800 Stl SW ANVIL #830-3-1 2 1/2" 4 1/2" Class 300 Stl RF PACIFIC #360-1 3/4"- 1-1/2" Class 800 Stl SW Hor Lft ANVIL #847-3-1 2 1/2" 24 1/2" Class 300 Stl Swing RF PACIFIC #380-1 (Temp Limit 300°F Max) 3/4"- 1-1/2" Class 300 Stl SW Mccanna S303-CS-F-S6 3/4"- 1-1/2" Class 300 Stl Mccanna S302/3-CS-F-S61 SW x Scrd 2 1/2" 4 1/2" Class 300 Stl RF Mccanna S301-CS-F-S6 V1 - Use for vents, drains, and instru- ment connections where a threaded outlet is required. V2 - Use against flanged equipment nozzles. Smls Stl ASTM A106 Gr B 3/4"- 1-1/2" SCH 160 2" Only XS 3 1/2" 12 1/2" STD WT 14" 24" Cale Wall Thickness	V1 V2 V1	

REFINING & MARKETING	UNIT DIESEL HDS	REV 0
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ITEM	SIZE	DESCRIPTION	NTS	RE
			I	V

<p>NIPPLES</p> <p>FITTINGS!</p>	<p>1/2" 1-1/2"</p> <p>3/4" 1-1/2"</p> <p>2" Only</p> <p>3" 12"</p> <p>14" 24"</p> <p>1/2"- 1-1/2" </p>	<p>160, Smls Stl ASTM A106 Gr B</p> <p>JSCH</p> <p>TBE 3" Long TBE 6" Long TOE 3" Long</p> <p>TOE 6" Long</p> <p>PBE 3" Long PBE 6" Long</p> <p>J6000# Stl SW ASTM A105</p> <p>Cap</p> <p>90° Elbow</p> <p>45° Elbow Tee Sockolet Elbolet Coupling</p> <p>Union (GJ, Integral Seat) Cap, Scrd</p> <p>Thredolet Elbolet, Scrd</p> <p>Plug, Round Head Solid Stl, Scrd</p> <p>Smls Stl Buttwelding Astm A234 Gr WPB</p> <p>XS</p> <p>Std Wt</p> <p>Wall Thickness to Match Pipe Cap</p> <p>90° LR Elbow</p> <p>90° SR Elbow</p> <p>45° Elbow Tee</p> <p>Weldolet, ASTM A105 Cone Reducer</p> <p>Ecc Reducer Elbolet, ASTM A105</p> <p>Sch 160 Cone Swage BBE</p> <p>BLE/TSE TLE/BSE TBE</p>	<p>F1</p>	
<p>REFINING & MARKETING</p>		<p>UNIT</p> <p>DIESEL HOS</p>	<p>REV</p> <p>0</p>	
<p>SERVICE: Hydrocarbons</p>			<p>CLASS: BA</p> <p>PAGE 3 OF 3</p>	
ITEM	SIZE	DESCRIPTION	NTS	REV
	<p>1/2" - 1-1/2"</p>	<p>Sch 160 Ecc Swage</p> <p>BBE</p> <p>BLE/TSE</p> <p>TLE/BSE</p> <p>TBE</p> <p>F1 - Use only for temperature connection</p>		

BRANCH CONNECTIONS		Refer to Para 6.6 Branch Connections	
PIPE INSTR. CONNECTIONS		Primary Instr Conn's to Piping Temperature Conn's-----1-1/2" Flgd Pressure Conn's-----3/4" SW Orifice Tap Conn's-----1/2" Scrd Secondary Piping S-2	
CONNECTIONS		Vessel & Exchanger Instrument Conn's Table I	
FLANGES ORIFICE FLANGES	3/4" - 1-1/2" ¹¹ ²¹¹ Only ¹² ³¹¹ - ¹¹ 14" - ²⁴ ¹¹ 3/4" - ²⁴ ¹¹ ²¹¹ - ²⁴ ¹¹	300# Stl RF ASTM A105 SW (Sch 160 Bore) WN (XS Bore) WN (Std Wt Bore) WN (Bore to match pipe) BLIND ----- 300# Stl RF ASTM A105 w/ 1/2" Scrd Taps Slip-on	
GASKETS	3/4" - ²⁴ ¹¹ ²¹¹ - ²⁴ ¹¹	Spiral Wound 316SS w/Flexite fiber, 1/8" thk centering ring, Flexitallic Style CG For 300# Flanges For 300# Orifice Flanges	1
REFINING & MARKETING		UNIT DIESEL HDS	REV 1